

**“MULTIPLE PARALLEL PROCESSOR
COMPUTER GRAPHICS SYSTEM”**

Abstract of the Invention

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An accelerated graphics processing subsystem that significantly increases the processing speed of computer graphics commands. The preferred embodiment of this invention presents a first-of-its-kind graphics processing subsystem that combines the processing power of multiple, off-the-shelf, video cards, each one having one or more graphic processor units. The video cards can be used without substantial modification. Under the preferred embodiment, each video card processes instructions for drawing a predetermined portion of the screen which is displayed to the user through a monitor or other visual output device. The invention harnesses the power of multiple video cards without suffering from the high bandwidth constraints affecting prior attempts at parallel graphics processing subsystems.

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